

**FRIEDMAN & BRUYA, INC.****ENVIRONMENTAL CHEMISTS**

Date of Report: April 21, 1995  
Date Received: April 19, 1995  
Project: #7238, Metro 24 Hr., PO #M40893  
Date Samples Extracted: April 19, 1995

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE  
FOR TOTAL CHROMIUM, COPPER, NICKEL AND ZINC  
Samples Processed Using Method 3005  
Results Reported as mg/L (ppm)**

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M40893	3.6	1.2	2.8	0.10
<b><u>Quality Assurance</u></b>				
Blank	<0.05	<0.05	<0.05	<0.05
M40893 (Duplicate)	3.7	1.2	2.8	0.07
M40893 (Matrix Spike) % Recovery	81%	74%	82%	88%
M40893 (Matrix Spike Duplicate) % Recovery	81%	76%	83%	89%
Spike Blank % Recovery	99%	99%	99%	100%
Spike Level	5	5	10	5

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Date Received: April 19, 1995  
Project: #7238, Metro 24 Hr., PO #M40893  
Date Samples Extracted: April 19, 1995

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE  
FOR DISSOLVED CHROMIUM, COPPER, NICKEL AND ZINC**

**Samples Processed Using Method 3005  
Results Reported as mg/L (ppm)**

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M40893	0.27	<0.05	<0.05	<0.05
<b><u>Quality Assurance</u></b>				
Blank	<0.05	<0.05	<0.05	<0.05
M40893 (Duplicate)	0.27	<0.05	<0.05	<0.05
M40893 (Matrix Spike) % Recovery	97%	91%	95%	97%
M40893 (Matrix Spike Duplicate) % Recovery	93%	87%	90%	95%
Spike Blank % Recovery	105%	104%	103%	102%
Spike Level	5	5	10	5



**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

Andrew John Friedman  
James E. Bruya, Ph.D.  
(206) 285-8282

3012 16th Avenue West  
Seattle, WA 98119-2029  
FAX: (206) 283-5044

April 21, 1995

Gerald Thompson, Project Leader  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on April 19, 1995 from your project #7238, Metro 24 Hr., PO #M40893.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Bradley T. Benson  
Chemist

jdp  
Enclosures

ACU0421R

AKC-0012948



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**ENVIRONMENTAL CHEMISTS**

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FAX: (206) 283-5044**

**DUPLICATE COPY**

**April 21, 1995**

**INVOICE # 95ACU0421-2**

**Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134**

**RE: Project #7238, Metro 24 Hr., PO #M40893: Results of testing requested by  
Gerald Thompson, Project Leader for material submitted on April 19, 1995.**

<b>1 water sample analyzed for Total Chromium, Copper, Nickel and Zinc @ \$65 per sample</b>	<b>\$ 65.00</b>
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<b>1 water sample analyzed for Dissolved Chromium, Copper, Nickel and Zinc @ \$65 per sample - no charge</b>	<b><u>0.00</u></b>
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<b>Amount Due .....</b>	<b>\$ 65.00</b>
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